

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, December 8, 2000

Vol. 25, No. 48



FROM THE
DIRECTOR'S
OFFICE

Rokaya Al-Ayat

Strong support for R&D crucial to Lab's future

I am very pleased and honored to have been selected to serve as the director of the Laboratory Science and Technology Office (LSTO). While most people know this office for managing the Laboratory Directed Research and Development (LDRD) Program, LSTO has a broader mission.

Today, I would like to take this opportunity to provide an overview of the office and its activities. LSTO was created to develop, promote and support institutional efforts to strengthen the foundations of science and technology at the Laboratory. The office also promotes the scientific and technical accomplishments of the Laboratory and its scientists and engineers.

In addition to the LDRD Program, LSTO supports its mission through a variety of activities that include:

- Supporting the contractual commitment to the University of California and the Department of Energy for Science and Technology Assessment required by Appendix F, Contract 48.

- Developing and maintaining the Science and Technology Awards and Recognition System (STARS). Through STARS, LSTO tracks, documents, and communicates the Laboratory's scientific and technical accomplishments, it also coordinates responses to calls for nominations for awards, fellowships and recognition from DOE and other organizations.

- Special reviews, the Director's Distinguished Lecturer Series (DDLs) and Public Interest Work.

LDRD — Lab's most valuable source for long-term R&D investment

LDRD is one of the Laboratory's most important tools for developing and extending its intellectual foundations. The program funds projects that foster the development of new scientific and technical capabilities that enable the Laboratory to respond to national needs within its mission areas. Many of the research thrust areas that started years ago under LDRD sponsorship are at the core of today's programs.

In addition, LDRD encourages scientific collaborations with academia, industry and other government laboratories and research institutions. Such collaborations will continue to play a major role in the Laboratory's emerging areas of responsibility.

Last year, Congress reduced the LDRD budget from 6 percent to 4 percent of the Laboratory's total budget. The reaction of the technical staff to this reduction high-

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Researchers earn rank of AAAS fellow

By Elizabeth C. Rajs

NEWSLINE STAFF WRITER

Lab physicist John Lindl and retiree Garth Cummings have been named fellows of the American Association for the Advancement of Science.

They are among 251 new fellows recognized by the AAAS this year for their efforts toward advancing science or fostering applications that are deemed scientifically or socially distinguished, according to the AAAS.



Garth Cummings



John D. Lindl

and Los Alamos Director John Browne.

Lindl was cited for his "distinguished contributions to the understanding of high-energy density matter and to the development of inertial confinement fusion."

"I'm honored to be among the group selected this year," Lindl said, noting that the 23 physicists selected include Sidney Drell of the Stanford Linear Accelerator Center

See **AAAS**, page 7

Engineering a stronger management system

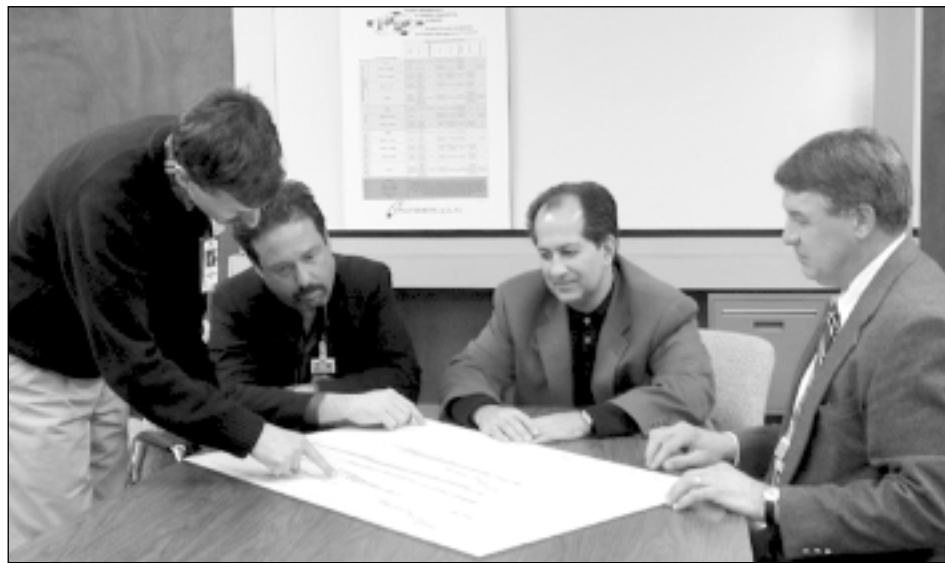
By Elizabeth C. Rajs

NEWSLINE STAFF WRITER

Engineering has launched a new certification program in project management that is catching the interest of employees Labwide.

More than 130 people across the Lab have signed up for the eight-week class — enough to fill five sessions, said Karl Krause, chief engineer of the Engineering Directorate. Instructors from Polaris Management Consultants teach the course on site. The Project Management Institute certifies the instructors. The first eight-week session began Nov. 2. Additional sessions are planned.

"Engineering wants to drive the vitality of the Laboratory by providing exceptional talent, developing new technologies and ensuring the quality of LLNL's products and processes. The project manage-



JULIE KORHUMMEL/NEWSLINE

Lou Bertolini, Karl Krause, AD Spiros Dimolitsas and Al DiSabatino (from left) review the status of a project. In recent months, the New Technologies Engineering Division has led the effort to pilot processes that are being implemented as part of Engineering's Project Management and Systems Engineering Initiative, such as periodic reviews designed to enhance project management quality assurance.

ment certification program is our strongest example today of where we want the Lab to head in terms of quality for managing the execution of its major commitments," said Engineering Associate Director Spiros

See **MANAGEMENT**, page 8

Lab physicists named distinguished lecturers

By Sheri Byrd

NEWSLINE STAFF WRITER

Two Lab plasma physicists, Bruce Remington and Mordy Rosen, were among six selected from among several thousand to travel to various universities throughout the country describing their research to undergraduate and graduate students and faculty.

During an October executive committee meet-

ing of the American Physical Society's division of Plasma Physics (DPP) in Quebec City, Canada, the committee named the six to the DPP's Distinguished Lecturer's program.

Chairing the selection sub-committee was Don Correll, director of the Lab's Science and Technology Education Program.

"The Distinguished Lecturer program is

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**Unclassified
computer security
policy approved
— Page 3**



**Million-dollar
HOME coming
to a close
— Page 5**



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Thursday
14

Joyce Riffin, assistant administrator from the Livermore Area Recreation & Park District's Friendship Center, will present **"Holiday Survivor Tips for Eldercare Care Givers"** at noon in Trailer 6525, in the Visitor Center auditorium. There will be a question-and-answer session following her presentation. No reservations are required. Family members of Lab employees/SLO employees are welcome and do not need badges. Contact: Marnette Yeager, 2-1217.

Friday
15

The **Health Transitions for Women's** monthly meeting will feature guest speaker Louann Tung at noon in Trailer 2627, classroom 1020. Tung will share her journey of achieving fertility naturally after age 40 and her experiences using the Bradley Birthing method. This talk is sponsored by the LLLWA's subcommittee on Health Transitions for Women. Contact: Marnette Yeager, 2-1217 or yeager1@llnl.gov. No reservations needed for this talk.

Saturday
16

There will be a scheduled **power outage** Saturday to Sunday from 7 a.m. to 3:30 p.m. in the following locations: Bldg. 121 and Trailers 1253, 1277, 1280 and 1282. Contact: Mark Cardoza, 3-0490.

UP
&
COMING

The **Employee and Organization Development Division** has openings in the following courses: "Write On! A Clear-Cut Approach to Effective Communication" (ED7346), which will be held Jan. 8-9; and "Conducting Productive Meetings" (ED7031), which will be held Jan. 29. Both courses will be held from 8:30 a.m. to 4:30 p.m. in Trailer 1879. Register for these classes online at https://www-ais.llnl.gov/llnl_only/docs/hr/train or contact EODD at 2-4842.



BROADCAST
SCHEDULE

Two new **"Technology Today"** shows will air on Lab TV channel 7 on Dec. 12 and 14 and again on Dec. 19 and 21. The first show features Roger Werne and Hugh Watling speaking about the Lab's HOME Campaign, and will air at 10 a.m., noon, 2 and 4 p.m. The second show, featuring Mike Bradley of LLNL and Dennis Rein of the East Bay Parks and Recreation District Fire Department discussing the National Wildfire Behavior Prediction Initiative, will air at 10:30 a.m.; and 12:30, 2:30 and 4:30 p.m.

Informational visit

Richard Fitzsimmons, second from left, district director for Rep. Ellen Tauscher (D-Tassajara Valley), visited the Lab recently and met with, from left, Larry Ferderber, deputy associate director for National Security; Mike Anastasio, Defense & Nuclear Technologies associate director; and Kathy Cromwell, congressional liaison. During his visit, he was updated on the Stockpile Stewardship Program, Medical Technologies and the National Ignition Facility.

JOSEPH MARTINEZ/TID



Health Services to dispense 800 doses of flu vaccine

The Lab's Health Services Department has received an additional 800 doses of flu vaccine and does not expect to receive any additional vaccine during this flu season. Health Services will hold one more work-site clinic on Tuesday, Dec. 12, from 9:30-11 a.m. in Bldg. 511 in the Diamond Room. To allow everyone equal opportunity to any

remaining vaccine, any individual (not just high-risk individuals) may come to Bldg. 663 beginning Thursday, Dec. 14, between 1 and 3:30 p.m. The Bldg. 663 clinics will be held until all of the vaccine has been dispensed. Site 300 employees should contact Linda Garcia-Wall at 3-5250. The cost is \$5; please bring exact change.

IN MEMORIAM

Bud Motta

Augustine John "Bud" Motta Jr., a Lab retiree, died Nov. 30 in Walnut Creek. He was 77. Motta served for 39 years as a coordinator at the Lab, retiring in 1985 but continuing occasional work. Born in Riverside, R.I., Motta served in the Coast Guard and was a Livermore resident for 47 years. He was a private pilot and a member of the Sons in Retirement in Sonoma, St. Vincent de Paul Society and Twain Harte golf course. He enjoyed golfing, flying and shooting. Survivors include his wife, Norma, daughters Jo Ann Motta-Owen, who works in the Lab's Telecommunications department, and Patricia Jean Scoville; sons, Brian and Phillip; three grandchildren; two great-grandchildren and two sisters. Contributions in his memory may be sent to the St. Vincent de Paul Society c/o St. Michael's Catholic Church, 458 Maple St., Livermore, 94550.

Howard Powell

Private services have been held for Howard T. Powell, a laser physicist at the Lab, who died Nov. 15 after a heart attack in Washington, D.C. He was 56. Powell was born in Woodland, Wash., and received a full scholarship to California Institute of Technology, Pasadena, where he graduated, cum laude, with a bachelor's degree in Physics in 1966. He earned his Ph.D. in 1971 at Cornell University. Before coming to the Lab in 1973, he spent two years at McDonnell Douglas Research Lab in St. Louis, Mo. Throughout his history at the Lab, Powell held such notable positions as program leader of Laser Science and Technology, where he worked with Nova, oversaw various laser developments for NIF, and numerous DOE and DoD laser applications. Most recently, he was working with the NIF AD's office in planning strategic directions for laser and science technology.

He is a co-recipient of three R&D 100 awards for scientific and technological innovation, winning in 1988, 1994 and 1997. A public speaker and mentor to other scientists and graduate students, Powell also loved art and American history. He collected early American furniture and glassware, and also produced his own wines from homegrown grapes. In the local community, he coached soccer and was active in the Livermore Valley Tennis Club. Surviving family members include his wife of 33 years, Mary; his son, Thomas, and daughter, Diana; his mother, sister and brother. Private memorial gatherings were held at the Lab and at Livermore's Memory Garden. Contributions in his memory may be made to The Nature Conservancy or the Audubon Society. The Lab is also creating a scholarship in his name to encourage the pursuit of physics.

Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for the information of Laboratory employees and retirees.

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AROUND THE LAB

DDLS talk on state of climate change

Thomas R. Karl, director of the National Climatic Data Center, will speak on “Observed Changes in Climate and Impacts in the USA: A Perspective From the Intergovernmental Panel on Climate Change,” at 3:30 p.m. Thursday, Dec. 13, in the Bldg. 123 auditorium

Karl’s presentation is the latest installment in the Director’s Distinguished Lecturer Series and is open to all employees.

Scientists from around the world gathered data and information to construct a state-of-the-science assessment of observed changes and variations in climate. Simultaneously, scientists in the United States used information about past and projected changes in climate to develop scenarios of potential climate impacts across the United States.

Karl will present highlights from these reports, discussing what scientists are sure about, what they



Thomas R. Karl

think they know, and what they do not fully understand.

Karl is a fellow of the American Meteorological Society and the American Geophysical Union. He chaired the National Academy of Sciences Climate Research Committee, and is a two-time recipient of the Department of Commerce’s Gold Medal. Karl is currently editor for the Journal of Climate and an associate editor for Climate Change. He briefed the White House and testified before Congress on climate variability and change.

The National Climatic Data Center is part of the National Oceanic and Atmospheric Administration/National Environmental Satellite, Data & Information Service.

Director Bruce Tarter invites all employees to attend. The lecture will be broadcast on Lab Channel 2 Thursday, December 21, at 10 a.m., noon, 2, 4, and 8 p.m., and Friday, December 22, at 4 a.m.

Catastrophic leave share and other Laboratory policy changes proposed

Human Resources is proposing some new policies and programs for employee comment.

One is a Catastrophic Leave Sharing Program that would enable Laboratory employees to donate vacation to employees who have used up their sick and vacation leave because of their own or a family member’s catastrophic illness.

Changes would also be made to the Family Sick Leave policy to enable the program and to expand the definition of family members to include other non-related persons residing in the employee’s household for whom there is a personal obligation.

Another new program is the Scholar Employment Program, which would update and streamline appointment titles and codes for student and non-UC faculty employees and improve offered benefits. Changes to related policies are also proposed in order to implement this program as well.

Other proposed changes include:

- Permitting employees who are separating from Laboratory service to use vacation to extend their termination date, subject to department head approval.
- Streamlining the approval process for excess overtime by moving approval authority from the deputy director of Operations to the associate director.

Details, including reasons for the various proposed changes, will be available starting next Wednesday, Dec. 13, at <http://www-hr.llnl.gov> (click on the Proposed Policy Changes home page).

Technical changes to policies that do not require employee comment are also provided for at this Website. These include updates to the Nondiscrimination and Affirmative Action and other policies to reflect changes in the law, to provide clarification, or to correct typos and the like.

The last day for employee comment is Jan. 5. Comments should be sent to Virginia George at L-708 or george13@llnl.gov.

Office paper recycling program expanded

The categories of paper that can be recycled in the office paper We-cycle Office Wastepaper (WOW) program boxes has been expanded to include newspapers, magazines and soft-bound reports.

“This will make it easier for the Laboratory to meet its more aggressive recycling performance goals,” said Kent Wilson, recycling coordinator in the Environmental Protection Department (EPD), noting that “newspapers and magazines make up about 10 percent of the waste stream flowing to the landfill.”

While the recycling and reuse programs such as WOW have been successful in diverting up to 65 percent of the non-hazardous waste generated at the Laboratory, waste paper still accounts for about half the waste being shipped to the landfill.

Stickers with the expanded list of paper products that can be recycled in the WOW boxes will be mailed to employees starting Friday, Sept. 15. New to the list are newspapers, magazines and soft bound reports with the plastic spine removed.

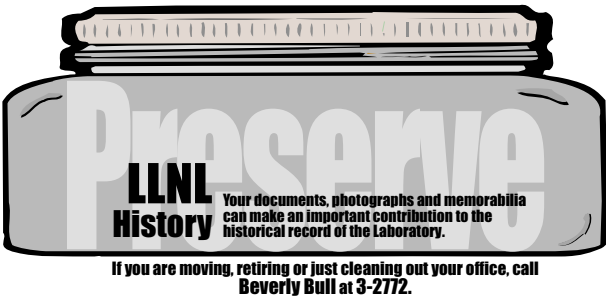
Other paper items include: white paper; laser print and fax paper; colored paper including copy paper ream wrappers; paper with recycled content; ledger paper with color printing and/or photos; plain

paper envelopes including those with plastic windows; computer printouts; manila folders and envelopes; shredded paper; Lab phone directories with the plastic spine removed, and sticky notes. Staples, paper clips and rubber bands are OK if difficult to remove.

Single copies of hardbound reports and external phone books can also be recycled through the expanded program. The custodial staff requests that large quantities of external phone books and hard-bound reports be boxed and up recycled separately by placing them next to the exterior facility collection point so as not to overload interior collection efforts (call the E-ARTH hotline, 3-2784 for your exterior bin location and to arrange for pick-up).

Items unacceptable for disposal in WOW boxes include: classified and sensitive documents; plastic; viewgraphs; vellum/blue lines; nonpaper items; foam cups or containers; food wrapping and paper towels.

For more information about Lab recycling efforts, see page 5 of the Sept. 15 edition of Newsline, contact the Earth Hotline (E-ARTH) or check the non-hazardous waste diversion section of the Environmental Community Relations Web page at: <http://www-envirinfo.llnl.gov/>.



Unclassified computer security implementation and compliance policy approved



CIO UPDATE

BY DAVE COOPER

LLNL’s Computer Security Council (CSC) announced today the approval of a new Laboratory policy. The Unclassified Computer Security Policy Implementation and Compliance Policy (P-2024) is the latest in a series of procedures aimed at improving the protection of our computing resources at LLNL. This policy specifies the level of compliance expected for all of LLNL’s unclassified computer systems.

It has two requirements:

- All new unclassified computer systems must be configured in compliance with all applicable computer security policies before being placed into operation.
- All unclassified computer systems must be checked for compliance with all applicable computer security policies at least once every 12 months and, if not in compliance, brought into compliance.

A system found to be in noncompliance with this policy may be removed from LLNL networks until

brought into compliance, and the cognizant associate director and the LLNL CIO will be notified. This policy goes into effect on Jan. 1. The full text of P-2024 can be found at <http://www-r.llnl.gov/cso/Pubs/udocs/P2024.pdf>.

Integrating functionality and security

An implementation goal for the IA Security Architecture (<http://www.llnl.gov/projects/ia/standards/ia0401/ia0401.html>) is to satisfy the wide range of business needs and risk tolerances at LLNL by defining multiple levels of security. These include a base level of minimum criteria, which all computers and networks must meet.

Policy P-2022, announced in Newsline on Sept. 22 (see <http://www-r.llnl.gov/cso/Pubs/udocs/P2022.doc> for the text of this announcement), defines the minimum security configuration requirements for each system.

As LLNL develops policies to implement these minimum criteria, it has become clear that bringing all systems into compliance with each policy will often require programmatic funding and planning. Policy P-2024, announced today, assumes that most systems are serviced at least once every 12 months and the

incremental cost of complying with a cumulative set of new policy requirements during that service call is relatively small.

Implementing the new policy

The new policy announced today ensures that each new computer system will be brought into compliance with these baseline requirements before being connected to LLNL networks, and provides for annual monitoring to ensure continued compliance. Considering the large number and variety of computer systems in use across the Laboratory, this policy will require systematic vigilance.

To make that feasible, the Computer Security Operations office will maintain a comprehensive checklist of all security configuration requirements for each type of computer system in use at LLNL, and make that checklist available to the system administrators who are charged with keeping those systems in compliance. Beginning Jan. 1, that checklist and the records kept from its use will serve as a metric for the health of the Laboratory’s security architecture.

David Cooper is Associate Director for Computation as well as LLNL’s Chief Information Officer.



NEWS YOU CAN USE

Ombuds survey employees on awareness of programs

As part of an effort to better serve employees, the Laboratory’s Ombuds Council distributed a survey to UC Laboratory employees last week to assess awareness of ombuds programs across the Laboratory. While ombuds services in some organizations, such as Chemistry and Materials Science and Mechanical Engineering, have existed for many years, Laboratory-wide services began only three years ago. The Lab-wide program was the result of employee recommendations made in the 1995 diversity survey.

Ombuds are a neutral and confidential resource for helping employees informally resolve such workplace issues as performance appraisals, interpersonal conflicts, salary actions, reassignments or matters of policy interpretation. The Ombuds Council, made up of representatives from each of the Lab’s ombuds programs, addresses common issues and ombuds training and development. Please take a few minutes to fill out the survey and return to L-1000 by Friday, Dec. 15. For more information, check the Laboratory’s ombuds Web page: <http://www-r.llnl.gov/ombuds/>

See this!

Humorous New Video Offers Holiday Safety Tips



Ideas for getting through the holiday season safely are portrayed in this entertaining, yet highly informative, program. Humor is used to make important points about protecting yourself and your family while enjoying seasonal activities, dealing with winter weather, and meeting the added stresses of the holidays.

Watch this 20-minute program—Lab Channel 4 December 11 thru 15

- Daily, on the hour, from 8 a.m. to 5 p.m.
- Swing shift at 8, 9 and 10 p.m.
- Owl shift at 3 and 4 a.m.



INTERNAL TRANSFER OPPORTUNITIES

Tag	Requisition	Classification	Title	Organization
BO	1249	150.1/2	Resource analyst/senior	Budget Office
BO	1250	150.2/3	Sr. Resource analyst/principal	Budget Office
EP	1253	200	Waste certification program manager	Environmental Protection
NA	1240	200	Scientist/engineer	NAI
NF	1124	200	Master oscillator scientist/engineer	NIF Programs
PT	1222	200	Scientist/engineer	Physics & Advanced Technologies
DT	1275	220	Physicist	Defense & Nuclear Technologies
EP	1269	220	Post doc research staff member	Environmental Protection
NF	1261	249	Production engineer	NIF
EV	1243	270	Physicist	Energy & Environment
HC	1211	270	Physicist/health physicist	Hazards Control
AI	1274	285	Computer scientist	Administrative Information Systems
CO	1292	285	Computer scientist	Computer Applications Organization
CO	1344	285	Computer scientist	Scientific Computing & Communications
ME	1024	338.1	Engineering/scientific coordinator	Mechanical Engineering
EE	954	339.2	Senior engineering associate	Electronics Engineering
HR	610	405.3	Administrative specialist III	Human Resources
HC	1198	405.3/4	Administrative specialist III	Hazards Control
HC	1199	405.3/4	Administrative specialist III	Hazards Control
PT	1246	405.4	Administrative specialist IV	Physics & Advanced Technologies
BO	1244	462.1	Material handler	Procurement & Materiel
BO	1284	462.1	Material handler	Procurement & Materiel
EE	1260	504.2	Technologist	Electronics Engineering

More information on these job postings as well as those at other UC sites and outside organizations is available through the World Wide Web. Go to the Lab’s internal home page, click on “Services,” then click on “Career Center.” Once there, scroll down to “Information and Resources,” where links to internal and external postings can be found.

Technical Meeting Calendar

Friday
8

CHEMISTRY & MATERIALS SCIENCE
“Cs-Correction and EFTEM for Material Science Applications,” by Bernd C. Kabius, LEO Elektronenmikroskopie GmbH, Germany, 10:30 a.m., Bldg. 235, room 1090 (uncleared area). Contact: Wayne King, 3-6547, or Nancy Pullen, 2-4321.

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS
“Deep Infrared Selected Field Galaxy Samples,” by Peter R. Eisenhardt, JPL/Caltech. Noon, Bldg. 319, room 205 (open area). Contact: Joanna Allen, 3-0621, or see <http://www.llnl.gov/urp/IGPP/SemCalendar/IGPPSemCal.html>.

Monday
11

INFORMATION SCIENCE & TECHNOLOGY
“Advances in Photonic Devices for Analog Fiber Link Applications,” by Paul K.L. Yu, U.C. San Diego. 11 p.m., T2775, Enterprise Room (uncleared area). Contact: Bernice Wootton, 3-8578.

Wednesday
13

MATERIALS RESEARCH INSTITUTE (MRI)
“3D Dislocation Dynamics Simulations for Single Crystal

Plasticity: Linking Length Scales,” by Meijie Tang, LLNL. 3:30 p.m., Bldg. 219, room 163 (refreshments at 3:15, open area). Contacts: John Molitoris, 3-3496, or Joanne Maxwell, 4-4344.

INFORMATION SCIENCE & TECHNOLOGY
“Responding to the Bioterrorism Threat,” by Fred Milanovich, Chem/Bio Nonproliferation Program, NAI. 1 p.m., Bldg. 481 auditorium (uncleared area). Contact: Bernice Wootton, 3-8578.

Thursday
14

BIOLOGY & BIOTECHNOLOGY RESEARCH PROGRAM
“Cancer, Chernobyl, Cigarettes, and Chromosomes: An Overview of Research by the Mechanisms of the Cancer Team,” by Jim Tucker, LLNL. 10:30 a.m., Bldg. 361, room 1155 (uncleared area). Contact: Sue DeWitt, 3-6290.

DIRECTOR’S DISTINGUISHED LECTURER SERIES
“Observed Changes in Climate and Impacts in the USA: A Perspective From the Intergovernmental Panel on Climate Change,” by Thomas R. Karl, director of the NOAA/NESDIS National Climatic Data Center. 3:30 p.m., Bldg. 123 auditorium. The lecture will be broadcast on Lab TV Channel 2 Thursday, Dec. 21, at 10 a.m., noon, 2, 4, and 8 p.m., and Friday, Dec. 22, at 4 a.m.

CHEMISTRY & MATERIALS SCIENCE
“Laser Processing of Amorphous Silicon for Polysilicon Electronics on Glass Substrates,” James B. Boyce, Xerox Palo Alto Research Center. 11 a.m., Bldg. 235, room 1090 (uncleared area). Contact: Tomas Diaz de la Rubia, 2-6714, or Kathy Gonzales, 3-7023.

Friday
15

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS
“Doppler Tomography and Hydrodynamic Simulations of Mass Transfer in Algol-Type Binary Star Systems,” by Mercedes T. Richards, University of Virginia. Noon, Bldg. 319 , room 205 (open area). Contact: Joanna Allen, 3-0621.

Wednesday
20

CHEMISTRY & MATERIALS SCIENCE
“Response of Materials to Fast Intense Laser Pulses,” by Ben R. Torralva, Texas A&M University, TX, 10:30 a.m., Bldg. 235, room 1090 (uncleared area). Contact: Patrice Turchi, 2-9925, or Nancy Pullen, 2-4321.

Deadline for the next calendar is noon, Wednesday, Dec. 13.

- Address e-mail to tmc-submit@llnl.gov or fax to 2-9291.



HOME NEWS

Incentive drawings, where everyone's a HOME winner



As it hits the million-dollar mark for the third year in a row, the HOME Campaign is just about complete, along with the weekly incentive drawings. The last drawing was held Wednesday. Among the recipients were Denis Schrader, Steven Sutton, Genevieve McPeak, Randall Lucchetti, Sandy Sydnor, Scott Winters, John Blasy and Jon Ulrech (not all are pictured). Last week's recipients included Carolyn Owens, J. John Yio, Patsy Gerling, Denise Grimsley, Dennis Chan, Christina Presta, Cheryl Krossa, Michael Jacobson, Anthony Makarewicz, John Campbell, Janet Tanak and Sailes Sengupt. HOME Chair Hugh Watling (above, lower left), hosted the drawing.

The HOME Campaign's Pledge Processing Center in Trailer 1879 is officially closed, but campaign contributions may still be submitted to the Mechanical Engineering Department Office, Bldg. 131, room 1504.

HOME Campaign envelopes will be accepted through the close of business Monday, Dec. 11.



JULIE KORHUMMEL/NEWSLINE

HOME statistics as of Dec. 4
TOTAL AMOUNT DONATED: \$1,097,071

DIRECTORATE	TOTAL EMPLOYEES	TOTAL CONTRIBUTIONS	AMOUNT DONATED (ROUNDED OFF)	PERCENTAGE
Defense & Nuclear Technologies	374	154	65,258	41
Laboratory Executive Office	77	34	6,850	44
Computation	893	293	123,415	33
Engineering	2,007	712	257,265	35
Chemistry & Materials Science	447	243	89,626	54
Deputy Director for Operations	2,642	1,068	260,687	40
National Security	12	8	1,495	67
NIF	186	88	30,780	47
NAI	256	148	54,902	58
Director's Office	72	43	20,802	60
Deputy Director, Science & Technology	61	23	5,851	38
Physics & Advanced Technologies	372	205	74,187	55
Biology & Biotechnology Research	235	125	29,509	53
Energy & Environment	327	148	53,477	45
Johnson Controls	SLO	114	20,017	0
Others	9	9	2,950	100
Totals	7,970	3,415	\$1,097,071	43%

ISM X-FILES / by John Maduell

Sponsored by the LLNL ISM Rollout Implementation Team

Shocking Tree Lights

This scenario was taken from Lab ISM case files.

An employee received an electric shock while fixing unlit bulbs in a string of Christmas lights.

Apply the ISM principles at work and at home.

What Happened

Using a screwdriver, an employee pried up the bottom tang of the socket holding an unlit bulb to assure electrical contact. He replaced the unlit bulb and reconnected the string of lights to the power source.

Outcome

The light bulb exploded, arcing occurred, and the employee received a minor electric shock.

Be alert for seasonal safety hazards.

Problem and Possible ISM Solution

- When bent upward, the bottom contact tang probably made direct contact with the side of the bulb that was in contact with the side socket tang; a direct short was created.
- The electric circuit breaker did not trip, probably because the fault current did not reach the trip level.
- If a bulb is not lighting, leave it in the socket, or replace it with a good bulb. Never attempt to fix a bad or malfunctioning socket unless you are trained to do so.
- Replace the entire light string if there is an open socket somewhere on the string that cannot be filled with a bulb.

SLY the Safety Fox



CLASSIFIED ADS

AUTOMOBILES

1991 - Infiniti Q45a, pearl white, fully loaded, very clean, 137K miles, \$5,500.00 925-736-1383

1972 - VW camper vans, Two being parted out, Call for cheap prices. 209-239-5625

1999 - Chrysler Town&Country Van, Limited, All options, lthr, tow pkg, heated seats, all power, 20k miles, \$22k, exc. cond.! 925-449-5865

1988 - Camaro, V8/305, AT, AC, cruise, AM/FM/Cassette 60K on engine, new alternator/battery, needs paint, 100K miles \$3500 925-447-8613

1985 - Honda Prelude SI, 217K miles, 4 cylinder, 34 MPG, all maintenance paperwork available. \$3,500. 925-443-1756

1993 - Mercury Villager 7 passenger van, roof rack, AC, AM/FM Cass., Rebuilt AT, 102K miles, good condition, \$6065 or B/O 925-371-1590

1993 - Pontiac Grand Prix. A/C, cruise, AM/FM/cassette. Excellent condition. \$4500 925-485-1988

1983 - PICKUP, Ford Ranger std. cab, long bed w/ flat cover. 4 cyl. / 4 spd. Good condition. \$750. 925-634-2762

1998 - Ford Contour SE, cruise control, power windows / door locks, AM/FM/Cassette, 38K miles, \$10,000. 510-656-7140

1998 - TOYOTA CAMRY LE - Excellent condition with keyless remote. Great family and commuting car; \$14,960. 209-839-9497

1997 - Ford Explorer Sport, 4WD 52K miles, Excellent Condition \$13,500 925-838-7264

1990 - Mazda MPV Van 4WD, Fully loaded, low mileage, cd player, new tires, tow package, rear ac, 3.5 v6, runs exc. \$8200. 209-869-5362

1986 - Honda Prelude, Gray, 5-sp, AC, moon roof. Looks/runs great. \$1,800 925-447-6978

1990 - Mercury Sable Wagon - Loaded with keyless entry, digital instruments, etc. Good condition, 109K miles. \$1,800 OBO. 925-245-1114

2000 - Saturn, SCiI, 3 dr. 6,600 miles, 6 yr. extended warranty, auto, pw, air, cd, 36 mpg, tinted windows, non-smoker, take over payments. 209-492-0270

1989 -Ford Bronco xlt 4x4, auto trans, all power, tow package, running boards, brown/tan, great condition in/out. \$5400. 209-847-4759

1986 - Nissan, Sentra. Runs good, needs paint \$850.00. 209-892-6186

1994 - Chrysler Town & Country Mini Van - 3.8 liter V-6, Auto, AC, AM/FM cassette, leather, roof-rack, excellent condition, 85.6K miles, \$9500 OBO. 925-447-0383

1992 - Cadillac Deville; \$7,250, 130k miles; fully loaded; white, 4-door, grey leather interior; Excellent condition. 925-679-2680

1994 - 1994 Ford T-bird, V8, auto, loaded, new tires 36K low miles, excellent condition, orig. owner, all paper work provided \$8,400 OBO 925-447-7150

1976 - 1976 Bmw 2002 body with front end damage no interior, good dash, have motor and auto-trans. Good for parts. \$75.00 or best offer. 209-599-7199

1995 - Mitsubishi Eclipse RS, 44k miles, good condition, 2liter/5 speed, \$8,700 209-832-3691

2 mud/snow tires 13 in.w/wheels new tire/wheel 205X75XI5 925-735-6002

1989 - Buick Lesabre limited, excellent condition, all power, pwr. leather seats, auto. temp contr., shop manuals, 189k, \$2000 OBO. 925-443-2053

1988 - Honda Accord LXI. 5 spd, 4 door, moon roof, A/C, beige, very good condition, 100k miles. \$3000 or BO. 925-449-1312

AUTOMOBILE ACCESSORIES

Trailer hitch, Ez Lift weight distributing, w/ bars, sway control and extra hitch balls, \$100; truck cross bed poly tool box, \$30. 925-455-1183

Tires w/ hubs Firestone FR680,

P185/65R14.850. Brand new from 2000 Civic. \$300. 209-832-2862

Tonneau cover by Covercraft, snapless, soft with aluminum frame, factory off Toyota Tundra, 67x77in \$200/b.o. 209-836-5764

14 inch TIRES: 14 x 7:00 good used bias TIRES fit many cars/great for pickup/trailer. 2 for \$20 925-447-7070

Thule Car Rack Components: Foot Pack (#974) \$57.50. Bracket Kit \$22.50. Short Roof Adapter (#477) \$44.50. 4 Keyed Alike Locks (#544) \$18.50. 925-447-8753

Engine analyzer. as used for tune-ups & emission testing. \$200 obo. Come by & have a look. 925-443-2880

BICYCLES

GT BMX bike 20in with many extras, bars brakes pedals 60.00 925-443-2173

GIRLS 16 inch bike. Purple w/multi-color. Gently ridden, excellent condition. \$25 925-245-0626

Thule 2 Bike Carrier Trunk Mount (#974) \$50. 925-447-8753

Mountain bike tires, 26 inch, two for \$5 925-484-4099

BOATS

1998 TomCat 20 foot trailable sailboat, only been in water 6 months. Unique modern sailing catamaran/power runabout. \$25,000. 510-781-0437

Jet Skis. 1994 Yamaha Pro VXR and 1993 Kawasaki X-2 with removable flotation for beginners. Shoreline trailer with new tires. \$3300.00 or offer. 925-606-0722

20 ft Wahoo Bayrunner fishing boat, 2-motors, compass Ritchie, Radio, Fishfinder, downriggers. All the bells and whistles. Center console. 209-832-1750

CAMERAS

Twin lens camera-4 lens/offer misc. photo equip., supplies/albums, etc. 925-735-6002

JVC GR-SXM915 SVHS-C video camera. 3in color LCD, 320x zoom, built-in light, inc battery, charger, and bag. Perfect condition. \$300 obo. 209-832-8360

ELECTRONIC EQUIPMENT

Sega Genesis w/8 games. Works great! \$60 for all 925-245-0626

Hi-End Mitsubitsi complete stereo system multiCD tape pre/tuneramp turntable matching speakers cabinet plus Forsgate surroundsound \$800 or BO 925-736-7799

Compaq Presario 9548 system with 15inch Sony Trinitron Monitor- 1.2GB hard drive, 16MB RAM, 20X CDROM; Windows 95, Microsoft Office Suite \$150 925-443-1034

SEGA GENISIS with 2 controllers and 16 non-violent games. Mint condition! \$130.00/OBO. 925-455-8971

286 computer with turbo main board, monitor, keyboard and manuals. Excelent condition, \$50 OBO. 925-447-0740

Monitor/mono, keyboards, misc. 925-735-6002

GIVEAWAY

Closet doors, bypass, almond with black frame, 5 ft. wide by 8 ft. tall, with black rails. 925-778-2699

Screened in patio cover. You take down and remove. 925-373-8393

Approx. 200 moving boxes with packing paper. Yours for the taking, in Tracy. 209-830-8321

Genie screw drive garage door opener. Push button control, no remotes. Old unit but works fine. 925-606-6515

30 x 80 inch. prefinished door to garage, 1 and 3/8inch thick with lockset holes and 24 inch x 80 inch prefinished closet door with hinges. 925-426-0648

HOUSEHOLD

GARAGE SALE: Sat. 12/9 from 8am-4pm: 319 Edythe St. Livermore- Lots of furniture, T.V., kids stuff, clothes, electronics, books, and much more. 925-447-2119

Bread machine (like new) \$80; 4 blue metal folding chairs \$20; 1 maple endtable \$45; 1 oak endtable \$20. 925-371-6113

Extension ladder, 16 ft,\$12, and 6 ft step ladder, \$8, both aluminum; shop vac., 5 gal., \$12; misc. garden tools, shovels, etc., \$5 ea. 925-455-1183

Wedding Set - .5 carat solitair w/6 smaller diamonds. Surrounded by 12 diamond band. Custom design. Gorgeous!! Originally \$5,000, sale \$2,500. 925-245-0626

Coffee table and two matching side tables, solid oak, medium gold oak color, French country style, \$100 for all. 925-606-6155

Barbie twin size comforter and sheet set, good condition, \$15.00. 925-778-2699

Dinnette set. Modern design. Smoked glass top with black metal frame. 4 black metal frame chairs. 42x42 inches. Excellent condition. \$199 obo. 925-455-1689

Waterbed Ca.Supersingle complete frame headboard htr mat lin even sheets 100.00 OBO 209-526-6272

DESK, metal, solid, 50 x 19, great for bedroom. Blue. Drawers on right can double as dresser \$45 925-447-7070

Portable brush chipper- gasoline powered. \$250. Come by & see it run! 925-443-2880

Reverse Osmosis System, complete drinking water filtration system which includes faucet, filter housing, tank and manual. Easy to install 925-484-4099

7-drawer wood desk (not computer desk) excellent condition \$175, framed painting of local area by local artist Norma Webb 24x36 \$200 925-447-8613

Stove, electric, GE drop-in(?). Excellent condition. Microwave on top, large oven on bottom. Almond. 30Wx25.5Dx71H. \$500. 925-600-0082

Steelcase desk (30x45) and credenza (20x60), beige w/woodgrain top. Nice condition! \$25 each or \$40 takes both. 925-443-2821

Thomasville bedroom set, bookcase, headboard with footboard, triple-dresser with mirror, nightstand.Excellent cond. \$800 925-447-0740

Sewing Machine-Bernina 830, \$300.00 925-447-4918

Leather lift belt, bowling balls/w bags 925-735-6002

Whirlpool washer.Very good condition. \$200. You haul. 925-855-0607

Heirloom 80 Fireplace Insert. Excellent Condition. You remove and haul. \$400 or Best Offer. 925-447-7857

Entertainment Center, wood, hunter green. 55in W X 45in H X 22in D, Glass wood framed door for stereo, 30in W X 27in H opening holds 36in TV, \$300.00 209-839-9229

Neck problems? Buy the only sleeping pillow endorsed by the American Chiropractic Association. \$39 ea. 30-Day Money Back Guarantee 510-791-8623

Bath faucet, single handle by Peerless, chrome. Faucet only, no drain assy. \$20.00. 925-961-1658

LOST & FOUND

Lost-Womens glasses on 12/5 between the 5900 trailers and B-482. Wireframes w/tortoise shell color. 925-606-8843

Lost a new pillow in a box from Therapeutica on Dec. 5, parking lot north of 132 around noon time. 510-791-8623

FOUND, keys, one auto, 2 cabinet on ring with scrimshaw art. Found east of B-243, South of B-241 near corp yard. To claim identify the tag. 925-961-1658

Found. Earring in B123 after Charles Plumb talk. Identify it and its yours. 28121 or 209-954-9853

LOST JACKET. Please call if you have any information about a green/yellow jacket that I accidentally left in the Dragon Conference Room (Bld. 111). 925-743-3722

MISCELLANEOUS

Electric Dryer \$50, Barbie Dream House \$35, Barbie Cruiser \$15, End Tables and Lamps 925-426-8452

Check out the Employee Ads Web Services site at:
<https://www-ais.llnl.gov/newsline/ads/>

PETS & SUPPLIES

4 hermit crabs with aquarium, food, dishes, and accessories \$20.00 OBO. Kaytee Exact baby bird formula, free. 925-778-2699

Cats, cats, cats! Litter-trained, Smallish, affectionate altered males/females need good indoor homes. Used to friendly dogs and teenagers. 209-239-2154

BIRD CAGE: Like new. 32x23x41in, height=66in, bar-spacing=1in. Dometop w/skirt. Lead-free porcelain crocks. MIG welded steel. White finish. \$400 obo. 925-454-8911

Dog Kennel-XL size-airline approved \$50.00 925-449-2064

Mated pair of Leopard Geckos, about 3 years old. Very gentle and good for children. Whole setup included. \$150.00 obo 925-443-2729

2 yr old Male Tuxedo Cat. Abandoned at homeless sheleter. Recently spayed and has current shots. Very affectionate. Have too many pets. 209-835-5031

35 Gallon Fish tank complete system, stand filters, air, Large Oscar and Convict fish, chemicals, ph testers, fish food \$175 - 925-243-1033

RECREATION EQUIPMENT

Pingpong table (like new) \$115; Stride Rider Exercise machine \$45. 925-371-6113

Sparring gear, one adult set, one child set, new \$50.00 each. Adjustable workout bench elastic band machine, MiniMax, with video, \$50.00. 925-778-2699

Stairmaster made by Precor, like new, \$95. 925-447-2687

Stationary exercise bike w/arm resistors for all-over workout, \$25. In Tracy. 209-830-8321

Cross country skis, never used, w/ shoes, bindings and poles. They are in my way! Best offer or trade. 209-836-5764

1 dozen large mallard decoys with weights and camouflage vest carrier. 925-901-0612

Sims Snowboard, bindings, boots(size 6.5 mens). Two Years Old, only used 4 times. Almost new condition. \$250.00 925-373-3429

tennis racket, Wilson Hyper Hammer 2.3, grip 4 1/2, 160\$ 510-481-1862

Skis-ATV Dynastar 180cm + Poles; Brand New \$175. Bindings-LOOK TX7, Brand NEw \$60. 925-484-0475 or 925-484-4214

1985 Vacationeer camper. 11 1/2 ft., fully self-contained. Excellent condition inside and out. \$6,000.00 OBO. 925-456-3010

Nordic track, cardio glide, ab roller, excell cond. make offer and its yours! 925-447-4611

Chest waders by US Royal, Red Ball brand, color is brown, size 12, extra suspenders. Excellent condition. \$50.00 firm. 925-961-1658

Scroll-saw, Dremel 16-inch, 2-speed, Pin-end, Plain-ends blades, Quick change-blade adapter. Cast-iron base. Vacuum hook-up, Owers-manual. \$75.00. 925-447-6099

Locking gutter-mount ski rack. Adjusts to fit most cars/SUVs with gutter. \$20. demo/rental-type Marker ski bindings, complete. \$20. 925-447-0596

Ski Boots, Raichle, ladies size 7-8, worn 4 times \$25.00 firm 925-828-8939

Exerciser, upper and lower body motion, CardioGlide Plus, like new, \$30 obo. 925-606-6071

Health-Rider for sale, excellent condition, provides a great workout. Asking \$50.00 925-373-9016

Torso Track, like new, hardly used. \$80.00 obo 925-606-7659

Callaway big bertha graphite (S) 5 wood \$70, Adams 60 degree wedge \$60. 209-545-1932

Ski Suit - Mens bib overalls & matching jacket w/removable sleeves. Navy blue w/yellow & white pin stripes. Size Large. Make Offer 925-449-5481

Skiis, Dynamic VR27 (200 cm) with Soloman 957 bindings and protective ski

MOTORCYCLES

1960 - Two mini bikes, one on bonaza frame and one on honda frame. Both 3hp Brigs & Stratén. 209-239-5625

MUSIC INSTRUMENTS

Nintendo64 Game Console, 3controllers, additional memory cards, Tremor pack, 7games including PD. Perfect, ideal for Christmas. \$350 or BO 925-736-7799

Electric Keyboard. Casiotone 310T, 49 key, multi-voice with rhythm, chords, arpeggios. Like new, great Christmas gift. \$65. 925-443-2245

Conn Clarinet B flat Excellent Condition! \$200.00 firm. 925-447-0444

AAAS

Continued from page 1

“It’s good company.” Cummings was cited for distinguished contributions to the fields of research reactor design and operation and application of risk assessment techniques to improve reactor safety.” “I was, of course, very pleased and honored to receive this recognition,” Cummings said. “As a recent retiree, it is very gratifying to be honored in this way for the years of work I have given to the nuclear research field.” They will be presented with an official certificate and a gold and blue rosette pin on Feb. 17 at the fellows forum during the 2001 AAAS annual meeting in San Francisco. Lindl, who was recently named head of the Lab’s

Fusion Energy Program, first joined the Laboratory in 1972 as a physicist in A Division Laser Target Design. He has served as associate program leader for theory and design in the ICF Program, division leader for X Division-ICF Target Design, and acting ICF program leader before becoming the ICF Program scientific director in 1994. Lindl earned his bachelor’s degree in engineering physics at Cornell University and his master’s degree and Ph.D. in astrophysics at Princeton. Among his many honors, Lindl was elected a fellow of the American Physical Society in 1984, and he was awarded the 1993 Edward Teller Medal in Inertial Fusion and the 1994 E. O. Lawrence Award. In 1998, Springer-Verlag published a book written by Lindl on the physics of inertial confinement fusion. In July, he received the 2000 Fusion Power

Associates Leadership Award. Cummings retired from the Lab in 1996 after 40 years of service. He started working in the Director’s Office in 1990 as an assistant to the deputy director for Operations, overseeing environmental protection, safety and health activities, and has continued that work part time since his retirement. He first joined the Laboratory in 1956 and over the years held a number of positions, including program leader for the Nuclear Systems Safety Program, section leader for Engineering Mechanics, Nuclear Systems Group leader, chief of operations for the Livermore Pool Type Reactor, and mechanical design engineer. Cummings earned his bachelor’s degree in mechanical engineering and his master’s degree in nuclear engineering at UC Berkeley and his Ph.D. in mechanical engineering at UC Davis.

PHYSICISTS

Continued from page 1

designed to bring awareness of plasma physics to students throughout North America,” said Correll. “Often, other research areas are more widely known, and we need to let students know there are exciting opportunities for them in our discipline. “Being chosen from among the 2,000 members of DPP to be a distinguished lecturer is an individual recognition of the scientist’s contributions to plasma physics and his/her ability to share the information to a broad audience,” Correll added. “Having two of the six 2000-2001 lectures being from LLNL is a research area recognition of the Lab’s diverse contributions to plasma physics.” Remington’s talks will deal with “Scaling Astrophysics into the Laboratory.” “Astrophysics has traditionally been pursued at astronomical observatories and on theorists’ computers,” Remington said. “A component often missing has been the ability to test theories and

models in an experimental setting where the initial and final states are well characterized. Intense lasers are now being used to recreate aspects of astrophysical phenomena in the laboratory, allowing the creation of experimental testbeds where theory and modeling can be quantitatively tested against data. There are several areas of astrophysics — supernovae, supernova remnants, gamma-ray bursts, and giant planets — where laser experiments are under development to test understanding of these phenomena.” Rosen will address “High Energy Density Plasmas and the Quest for Fusion Ignition.” “The National Ignition Facility (NIF) will create stellar conditions in the laboratory, to develop fusion energy and to study high energy density (HED) science,” said Rosen. “I will review the basics of the inertial confinement fusion approach to producing energy and explore why we expect NIF to create, for the first time in the laboratory, fusion ignition and net energy gain.” Rosen will also address other topics in HED

science, such as astrophysical hydrodynamics and opacities, planetary equations of state, and X-ray lasers. He will present recent experimental results while demonstrating the ability to study these issues on high-power lasers and motivate plans for furthering these studies on the NIF. The last LLNL scientist chosen as a DPP Distinguished Lecturer was Bill Kruer, one of the original five lecturers of the program in 1997. The other lecturers chosen for their topics were Paul Bellan, Cal Tech, “Simulating Solar Prominences in Laboratory Experiments”; Greg Hammett, Princeton Plasma Physics Lab, “Using Supercomputers to Understand Plasma Turbulence in Fusion Energy Research”; Amanda Hubbard, MIT, “Current Issues in Plasma Transport on Tokamaks”; and Professor Robert Merlino, University of Iowa, “Dusty Plasmas.” Lecture schedules have yet to be arranged. For more information on DPP and the Distinguished Lecturer’s Program, see the DPP web site at <http://w3fusion.ph.utexas.edu/aps/>.

bag, \$150 (after 5pm) 925-447-6450

Nordic Flex Gold weight machine. Electronics, padded bench, butterfly and leg extention. 36 excercises. \$400.00 obo 209-830-0684

Burton snowboard bag. Excellent condition. Hardly used. \$40 209-365-0412

Ski rack, Barrecrafters, fits vehicles with rain gutter (like Jeep Cherokee), locks, \$40 firm, 209-832-3331

RIDESHARING

Express your commute, call 2-RIDE for more information or visit the web site at <http://www-r.llnl.gov/tsmp/> for more information

Modesto - Carpool of two looking to meet/blend into carpool of four. Each drive one week. Meet near mall. Work hours 7:30-4:00 flexible 209-557-0456, ext. 3-4079

Montclair/Oakland - Montclair/hwy 13, friendly vanpool, reading lights, reclining seats. 8:15 - 5; Stops Montclair village, Lincoln/Hwy 13, \$120/Mo. 510-547-4040, ext. 2-0064

San Mateo - Riders needed for this 14 passenger van, with capt. chairs, reading lights and more. Ask for Jerry. 650-281-7820, ext. 3-7857

Lafayette - LaMOrinda (also Walnut Creek stop at Rudgear Rd) luxury van-pool (reclining seats, reading lights) 8-4:45, \$115/mo (pretax reduction available) 925-376-5346, ext. 2-3005

Patterson - Vanpool has seats available. Work hours: 7:30 - 4:00. 209-892-2118, ext. 2-9502

Oakdale/Knightsferry - Wishing to join or start a carpool from Knightsferry or Oakdale to LLNL. Start time flexible. Prefer 2 or 3 person carpool. 209-847-1231, ext. 2-8042

SERVICES

PARENTS troubled by TEEN behavior? What to do now, before too late? Free info on ToughLove, & Residential Treatment Facilities. (LLNL Meeting) 925-447-7070

Floor covering - carpet-linoleum-pergo/kars Licensed/bonded, very reliable, reasonable rates. 20 yrs experience. 925-516-9510

Looking for a SANTA? Still some times open! Call now to have Santa visit your house! 209-466-4442

SHARED HOUSING

Livermore - Partly furnished room in 3BD/2BA house with laundry, phone, cable modem, storage space & grads type housemates. N/S \$425 + 1/3 utils. 925-449-3165

Livermore - 2 rooms in 3BD/2BA house with yard, laundry, phone, full priveleges, and 1/2 of 2 car garage. N/S N/P \$700 for the two bedrooms plus 1/2 utilities. 925-980-1248

Livermore - - 2 rooms furnished. 3bd/2bath home. 10 min. from lab. Incls. dig. cable, utilities, full amenities. N/S, Fragrance free. Available now. \$625 & \$600. 925-456-9231

TRUCKS & TRAILERS

1994 - running boards fits 93-98 suburbans great shape 75.00 925-443-2173

1988 - Izusu TrooperII 4wd a/c p/s p/b am/fm cass 5spd 4dr chrome wheels - extra tires and rims 2800. or B/O 209-531-1330

1996 - 4Runner,White, kyless alarm entry, air, cd, moonroof, powerdoor, all terrain tires, tinted windows, 51K, excellent condition, \$16,000 OBO 925-736-4904

1982 - Toyota 1.25 Ton custom built flat bed, dual wheels, rack, hoist, new suspension & brakes, custom paint, runs good \$2950/b.o. 209-836-5764

1982 - Chevy Blazer, 6.2 diesel, 24+ mpg, no smog, 103k miles, super stereo, 4x4 auto w/overdrive, good cond. \$4100 obo. 209-833-6452

1985 - Chevy Blazer w/PopUp Camper. Great shape, ideal for camping and pulling a boat or trailer. Camper has Qbed, sink, stove. \$6,500 925-443-6268

1976 - F-250 FORD P/U. Extended cab. Dual tanks. New tires. Current reg and smog. \$1750.00 or b/o 209-577-5805

1997 - Ford Explorer XLT, 4x4, 4L SOHC engine, AT, Loaded, CD changer, 43k miles, Excellent Cond., \$19,900 925-449-2667

1989 - Ford XLT, F250, 5.8L, 64K miles, 91 Vacationeer camper, 10ft 4in, self-contained, awning, air, tow pkg., \$15K OBO; or camper only \$6K 510-793-2031

1997 - COLEMAN Tenttrailer, cheyene series, sleeps 8, loaded, in excellent condition w/extras included. Must see \$5,800.00. 209-239-4453

1986 - Chevy, full-size K5 Blazer, 75K low miles, 350/auto, power windows, good condition, \$5900 209-832-3691

1983 - Chevy K5 6.2 Liter Diesel 4x4, Tow Kitch, PW,PB,PL, KC Lights, Lugage Rack, Grill Gurard, Pullout AM/FM Tape Deck \$ 3700 B.O. 925-373-8360

1997 - Nissan pickup, 45000 miles Factory Warranty original owner camper-shell new tires perfect condition. \$11500.00. 925-455-9342

1972 - Dodge 3/4 ton truck. 400, automatic. \$1,200.00 OBO. 925-456-3010

Fiberglass camper shell for 1968-1983 Chevy long bed. White/paintable. \$125.00 925-443-9363

1986 - Toyota 4x4 w/shell, carpet kit. 22R eng. 5 spd. 191K freeway miles. Very clean and reliable. All receipts. Nice truck! \$4,000 925-606-8763

1995 - Chevy Extended Cab Silverado 1/2 ton Pickup.350 V/8, Tow Pack,PS,PB,Power Seat, PW,PDL,A/C,TW,CC,AM/Fm Cassette,Shell,63K miles, 209-823-4080

1997 - Ford F150, super cab, long bed w/liner, CHRISTMAS GREEN, 3 door, call for more details. 925-447-4711

1990 - ELITE motorhome 33FT 1990 250 Cat Diesel 9.3 MPG exc shape, Fully loaded, \$45,000 925-443-9255

1991 - TOYOTA TRUCK, Ext. Cab, 5 spd,Burgandy exterior, gray interior,

bedliner, hitch w/lights, great on gas. \$4,500 OBO, call after 6pm 209-529-0431

1979 - Chevy Pick-Up 1/2 Ton \$2000.00 OBO 925-447-0558

1984 - Chevy K5 Blazer 4X4, new transmission, needs front end work. Good teen project. \$2500.00 925-449-0865

1997 - Chevy Sport truck - custom suspension, paint, stereo, alarm, remote start, wheels. 200hp v6, 1/2 ton, tow hitch, 38k miles. \$15500 925-443-1150

1997 - 1/2 ton pick up. 2wd Air, cr.cont, tilt, tow pack., bug shield, bed liner, am/fm cass., tinted glass, only 45,000mi. Excellent cond. \$13,000.00 209-825-9848

1999 - DODGE Dakota Club Cab, Silver, V63.9, Auto4X4, 26,800Mi, CC, PWR Everything, Stereo/ Cass/ Disc, Bedliner, Etc, ExcCond \$18,500... Bluebook\$22,095. 925-200-0124

1980 - Horse Trailer 4 Horse Hale tandem axle 1,000 must sale licensed paid. 209-239-2812

VACATION RENTALS

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, nicely furnished,quiet area ,all amenities, close to all ski areas,New Years week Open!Reserve Now! 209-599-4644

New Year at Heavenly-2 bedroom, 2 bath fully furnished, indoor swimming pool, slp 6, walk/shuttle to ski lifts & casinos, 12/29-1/5, evenings 925-299-0451

Tahoe-Donner - Home:2 yr. old ,3 BR.,2 1/2 Ba. w/Loft sleeps 10. \$350 per wknd or consider trade. 925-679-1612

Pinecrest - Cabin available near Dodge Ridge skiing. 3 bdrm/2 bath, fireplace w/wood, microwave, pool table, level cleared access to covered parking, \$195/wknd 925-449-5513

Sea Ranch - - Oceanview home. No smoking. No pets. Adults only. 2BR(KQ)/2BA 1700sqft. Hike. Bike.

Whale watch. Kayak. Swim. Tide pool. 925-443-5086

WANTED

Trixie Belden books for 5th grader. Will buy paperback or hardback. 925-484-4785

Wanted: Mac 5XX series computer - cheap. 925-455-4484

Wanted 5 hp. Horizontal Shaft Gas Engine. Running preferred. Reasonable price. 925-449-4262

Travel trailer in good working shape for a reasonable price wanted. Need for home construction site. 209-892-3228

Wanted: Carpenter to build custom book shelves over fireplace. I have picture of design desired. 925-443-2243

Wanted to Buy or Rent: Good-Quality Turntable with 78 rpm capability. 925-447-8753

PC compatible laptop computer for word processing for my elderly mother. This can be old technology. 925-245-1114

Wanted camper shell for fullsize 1988 Chevy truck. 510-531-5804

Sega genesis games 209-531-1527

wanted, 19 inch or larger TV, water softner, record turntable, and washer and dryer for apartment. 209-599-7199

Budding pitcher needs a catcher_s mask to protect his brother_s teeth. Call in the evenings. 925-484-2173

Shoppers seeking Chili Pepper kitchen towels at Lab Holiday Bazaar. I have a limited supply. Please call L925-447-3780

Large curio cabinet or china cabinet with hutch for collectible items. Prefer dark wood. 925-243-0760

Wanted nanny for 3 kids, 2.5 & 6 yr old. Free room and board. CA drivers license and references required. Salary negotiable. 209-239-9523

Wanted: Moving boxes. Will come and haul them away. Please call 209-832-3772

Militaria collector wants WWII memorbilial,helmets,flags,daggers,etc. Cash paid for Granpas old stuff!Call 209-957-3471

Employees are responsible for ensuring the content of their ad is accurate.



THE BACK PAGE

MANAGEMENT

Continued from page 1

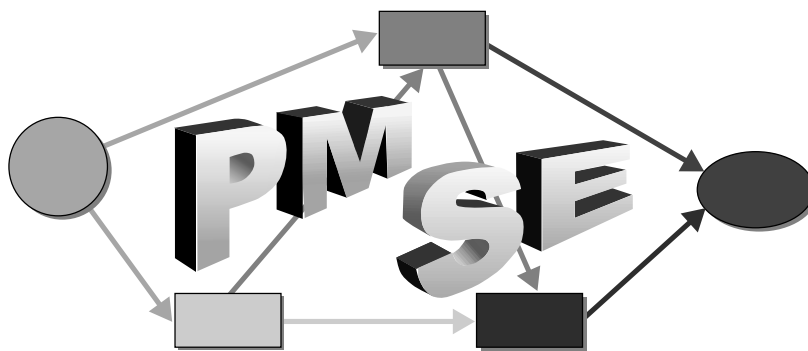
Dimolitsas. "Through certification, we can improve our project management performance on large projects like NIF down to small projects led by principal investigators.

"We want the Lab to become known as best in class in terms of project management across all integrated R&D institutions in the country, including the DOE complex. We want to get ahead of any future DOE requirements, and we want to use NIF as an tremendous opportunity to learn and embed in our organizational fabric better management processes," Dimolitsas added.

Krause initiated the certification project at the Lab as part of the Engineering Directorate's Project Management and Systems Engineering Initiative, which was launched earlier this year to develop and facilitate the accelerated adoption of superior project management and systems engineering practices across Engineering and the Laboratory.

To that end, Krause is working to establish and apply best practices, standards and tools as well as provide employee training and centralized resources.

"Besides improving our cost, schedule and technical performance, there are a number of ben-



Project Management and Systems Engineering

efits to offering project management certification at the Lab," Krause noted, including a common frame of reference and vocabulary, increased credibility and career advancement for participants.

Project management certification is rapidly gaining worldwide acceptance in industry, Krause said, noting that IBM requires the certification for all of its project managers.

The classes are open to anyone at the Laboratory and are best suited for employees who "either want to choose project management as a career ladder or have been doing it for some time," Krause said.

Classes, all held at the Laboratory Training Center, have about 25 students per session with two instructors. The four-hour afternoon/evening

sessions begin at 3 p.m. and end at 7; a comprehensive four-hour multiple-choice exam will follow completion of the course. Passing the exam is a prerequisite to certification as a Project Management Professional by PMI. To sign up for future classes, contact Karen Fornaciari, training coordinator, 2-8897.

"These classes are usually offered on consecutive Saturdays at other facilities and you usually have to drive or ride BART to get to them. We wanted to make it more convenient for our employees," Krause said. As a result, he and Fornaciari were able to bring instructors to the Lab.

"We'll keep offering the program until we meet everyone's needs," said Krause. "We have had employees interested from across the entire Lab, including our on-site DOE folks."

PMI is considered the leading nonprofit professional association in the area of project management. It establishes project management standards, as well as provides seminars, educational programs and professional certification.

To find out more about the Project Management Institute, go to <http://www.pmi.org>

DIRECTOR'S OFFICE

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lighted the importance of LDRD to the continued scientific and technological vitality of the Lab. This LDRD cut created an environment of uncertainty that, coupled with other factors, has had a noticeable impact on our ability to attract and retain the best scientists and engineers.

We are extremely pleased that Congress has restored the LDRD budget to its 6 percent level for FY01, which is about \$52 million, up from \$35 million in FY00. Although we always have many more deserving projects than we can support, we continue to strive for the most effective use of these limited and valuable resources. Based on prior experience, we expect to fund around 180 projects in FY01. For detailed descriptions of project categories and a list of all funded projects, see our Website at http://www.llnl.gov/llnl_only/LDRD/

UC Science and Technology Assessment

The current contract between UC and DOE requires that the University establish a process to assess the quality of the scientific and technological work at the three national laboratories it manages. The responsibility for this rests with the UC President's Council on the National Laboratories. The council requires that each directorate at LLNL form a directorate review committee (DRC) of relevant experts from industry, other laboratories, and academe to review all the directorate's activities over a three-year period. Each year, the DRC issues a report based on the review to the Council's Science and Technology Panel.

On Aug. 1, the Laboratory submits to the University its annual science and technology assessment report. Based on this report, the University provides DOE with a summary assessment of the Laboratory's performance in October. This, together with the Laboratory's self-assessment and input from DOE program managers, provides the basis for DOE's annual performance appraisal issued in December.

The LSTO office has the responsibility for coordinating the assessment process and provides the interface with both the UC Office of the President and with DOE. Since its inception, the Laboratory has consistently received "excellent" to outstanding ratings for the quality of its science and technology.

Science and Technology Awards and Recognition System

In November 1999, Deputy Director for Science and Technology Jeffrey Wadsworth, formed the Science and Technology Awards and Recognition (STAR) committee, which I chair. The committee includes a representative from each directorate. The goal of the committee is to promote and track honors and awards received by the Laboratory's scientific and technical community. Other goals of the STAR committee include:

- Stimulating awareness of professional recognition and award opportunities for the Laboratory community.
- Advising on strategies for increasing the visibility of LLNL's science and technology achievements.
- Encouraging award nominations from the directorates and increase cross-directorate collaborative awards
- Promoting competition for the awards and assist the nomination processes of prestigious awards, e.g., E.O. Lawrence and Fermi awards

Through the committee, LSTO has responded to several calls for nominations. We look forward to working with you to increase our participation and promote the Laboratory's many scientific and technical accomplishments.

We also developed the STARS database that helps track and update the Laboratory's accomplishments. The database is available on the Web at <http://stars.llnl.gov/>. We invite you to visit the site and provide us with your input and feedback.

Public Interest Work and DDLS

As part of its institutional responsibility for science and technology, LSTO undertakes a variety of activities including Public Interest Work and the Director's Distinguished Lecturer Series.

LLNL may use General and Administrative (G&A) funds to perform projects in the public interest. To qualify as Public Interest Work, projects must (1) require unique LLNL capabilities, (2) result in significant benefit on a major problem for another government agency, including state, local, and private agencies; and (3) be consistent with the LLNL mission. These public interest projects may not supplement or increment work performed for DOE or any other LLNL sponsor.

Future investments in R&D

Strong institutional support for R&D plays a

crucial role in our future as a first-class national laboratory. Attracting and retaining the best minds to support our mission means fostering outstanding science and technology. During my tenure as deputy director for the LDRD Program, many changes were introduced that have streamlined the LDRD process. As LSTO director, I look forward to continued innovation in support of the Laboratory's science and technology infrastructure and our scientific and technical staff.

In the current environment, it is more important than ever that we strive to increase and to effectively manage the Laboratory's investment in far-reaching R&D efforts and the supporting facilities and infrastructure.

To achieve its goals, LSTO must be viewed as an institutional resource for LLNL scientific and technical staff. So, I would like to hear from you. Please feel free to telephone (2-8467) or e-mail (alayat1@llnl.gov) your questions or comments. You can also visit the Web site at <http://www.r.llnl.gov/LDRD/LSTO.html>. You may also add your comments to the public portion of the STARS Web site at <http://stars.llnl.gov>.



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